

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
17 July 2003 (17.07.2003)

PCT

(10) International Publication Number
WO 03/057641 A1

(51) International Patent Classification⁷: C03C 17/34,
17/42, 23/00, C09D 5/00

(21) International Application Number: PCT/EP03/00226

(22) International Filing Date: 13 January 2003 (13.01.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
02/00388 14 January 2002 (14.01.2002) FR

(71) Applicant (for all designated States except US): ES-
SILOR INTERNATIONAL COMPAGNIE GEN-
ERALE D'OPTIQUE [FR/FR]; 147 rue de Paris,
F-94227 CHARENTON cedex (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): LACAN, Pascale
[FR/FR]; 18 rue Amelot, F-75011 PARIS (FR). CONTE,
Dominique [FR/FR]; 99 rue des Clefmonts, F-52100
SAINT-DIZIER (FR).

(74) Agents: CATHERINE, Alain et al.; Cabinet HARLE et
PHELIP, 7 rue de Madrid, F-75008 PARIS (FR).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE,
SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,
VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI,
SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report
— before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR TREATING AN OPHTHALMIC LENS

(57) Abstract: The present invention relates to a process for treating an ophthalmic lens comprising two main sides the first one of which comprises a thin external organic or inorganic layer, comprising:- at least one treatment step for the second lens side through energetic and/or reactive species capable to perform a surface physical attack and/or chemical modification;- in option, at least one or more steps for depositing inorganic or organic layers carried out simultaneously or subsequently to the treatment step through said energetic and/or reactive species, characterized in that before the treatment step through energetic and/or reactive species, a deposition of a temporary protective layer is performed onto the thin external organic or inorganic layer. Application to ophthalmic optics.

WO 03/057641 A1